

IN THE SPECIFICATION

Please insert the following heading after the Title of the Invention:

BACKGROUND OF THE INVENTION

Please replace the heading at page 9, line 6 with the following:

SUMMARY OF THE INVENTION~~Disclosure of Invention~~

Please replace the paragraphs at page 9, line 23 to page 22, line 18 with the following:

According to an aspect ~~Claim 1~~ of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising a display means for displaying a video signal, a display control means for controlling the display means to display a plurality of video signals supplied from a plurality of data process devices at a time, an input device connection means to which an input device for outputting a first control signal is output corresponding to a user's operation, and a control signal output means for outputting the first control signal supplied from the input device to the plurality of data process devices.

According to another aspect ~~Claim 9~~ of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of displaying a video signal, controlling displays of a plurality of video signals supplied from a plurality of data process devices at a time at the displaying step, and outputting a first control signal to the plurality of data process devices, the first control signal being supplied from an input device connected to an input device connection means, the first control the input device configured for outputting the first control signal corresponding to a user's operation.

~~Claim 10~~ According to yet another aspect of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising an input means for inputting a plurality of video signals that are output from a plurality of data process devices, a communication means for bi-directionally communicating with each of the plurality of data process devices, a video process means for combining the plurality of video signals that are input by the input means into one screen corresponding to information of the picture size of each of the plurality of video signals that the communication means communicates with each of the plurality of data process devices, a display means for displaying a video signal that is output from the video signal process means, an input device connection means to which an input device is connected, the input device being configured for outputting a first control signal corresponding to a user's operation, a transmission means for generating a second control signal for controlling the plurality of data process devices corresponding to the first control signal that is output from the input device connection means and causing the communication means to transmit the first control signal and the second control signal to the plurality of data process devices, and a communication control means for controlling the communication means to communicate with the plurality of data process devices.

~~Claim 19~~ According to still another aspect of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of inputting a plurality of video signals that are output from a plurality of data process devices, bi-directionally communicating with each of the plurality of data process devices, combining the plurality of video signals that are input at the input step into one screen corresponding to information of the picture size of each of the plurality of

video signals obtained at the communication step with each of the plurality of data process devices, displaying a video signal that is output at the video signal process step, generating a second control signal for controlling the plurality of data process devices corresponding to a first control signal that is output from input device connection means and causing communication means to transmit the first control signal and the second control signal to the plurality of data process devices, an input device being connected to the input device connection means, the input device being configured for outputting the first control signal corresponding to a user's operation, and controlling communications with the plurality of data process devices so that they bi-directionally communicate with each other.

~~Claim 20~~ According to a further aspect of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising a communication means for bi-directionally communicating with each of a plurality of data process devices, a video process means for combining the plurality of video signals into one screen corresponding to information of picture sizes of the plurality of video signals that the communication means communicates with the plurality of data process devices, a display means for displaying a video signal that is output from the video signal process means, an input device connection means to which an input device is connected, the input device being configured for outputting a first control signal corresponding to a user's operation, a transmission means for generating a second control signal for controlling the plurality of data process devices corresponding to the first control signal that is output from the input device connection means and causing the communication means to transmit the first control signal and the second control signal to the plurality of data process devices,

and a communication control means for controlling the communication means to communicate with the plurality of data process devices.

~~Claim 29~~ According to a still further aspect of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of bi-directionally communicating with each of a plurality of data process devices, combining the plurality of video signals into one screen corresponding to information of the picture size of each of the plurality of video signals obtained at the communication step with each of the plurality of data process devices, displaying a video signal that is output at the video signal process step, generating a second control signal for controlling the plurality of data process devices corresponding to a first control signal that is output from input device connection means and causing the communication step to transmit the first control signal and the second control signal to the plurality of data process devices, an input device being connected to the input device connection means, the input device being configured for outputting the first control signal corresponding to a user's operation, and controlling communications with the plurality of data process devices so that they bi-directionally communicate with each other.

~~Claim 30~~ According to yet a further aspect of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising an input means for allowing a plurality of video signals that are output from a plurality of data process devices to be input, a communication means for bi-directionally communicating with each of the plurality of data process devices, a video process means for combining the plurality of video signals into one screen corresponding to information of the picture size of each of the plurality of video signals that the communication means

communicates with each of the plurality of data process devices,

a display means for displaying a video signal that is output from the video signal process means, an input device connection means to which an input device is connected, the input device being configured for outputting a first control signal corresponding to a user's operation, a transmission means for generating a second control signal for controlling the plurality of data process devices corresponding to the first control signal that is output from the input device connection means and causing the communication means to transmit the first control signal and the second control signal to the plurality of data process devices, and a control means for controlling a data transfer among the plurality of data process devices on the same screen of the display means using the input device.

~~Claim 39~~ According to an additional aspect of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of allowing a plurality of video signals that are output from a plurality of data process devices to be input, bi-directionally communicating with each of the plurality of data process devices, combining the plurality of video signals into one screen corresponding to information of the picture size of each of the plurality of video signals obtained at the communication step with each of the plurality of data process devices, displaying a video signal that is output at the video signal process step, generating a second control signal for controlling the plurality of data process devices corresponding to a first control signal that is output from input device connection means and causing the communication step to transmit the first control signal and the second control signal to the plurality of data process devices, an input device being connected to the input device connection means, the input device being configured for outputting the first control signal

corresponding to a user's operation, and controlling a data transfer among the plurality of data process devices on the same screen o the display means using the input device.

~~Claim 40~~ According to a still additional aspect of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising a display means for allowing a plurality of video signals that are output from a plurality of data process devices to be input and displaying the plurality of video signals that have been input on the same screen, an input device connection means to which an input device for controlling a data process device selected from the plurality of data process devices is connected, and a control means for controlling a data transfer among the plurality of data process devices on the same screen of the display means using the input device.

~~Claim 49~~ According to yet an additional aspect of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of allowing a plurality of video signals that are output from a plurality of data process devices to be input and displaying the plurality of video signals that have been input on the same screen, controlling a data process device selected from the plurality of data process devices by a connected input device, and controlling a data transfer among the plurality of data process devices on the same screen displayed at the display step using the input device.

~~Claim 50~~ According to a further additional aspect of the present invention is a picture display device for displaying a video signal supplied from a data process device, comprising an input means for allowing a plurality of video signals that are output from a plurality of data process devices to be input, a frequency measuring means for measuring synchronous frequencies of the plurality of video signals, a video signal

process means for combining the plurality of video signals into one screen corresponding to the measured results of the frequency measuring means, a display means for displaying a video signal that is output from the video signal process means, an input device connection means to which an input device is connected, the input device being configured for outputting a first control signal corresponding to a user's operation, a control means for generating a second control signal for controlling the plurality of data process devices corresponding to the first control signal that is output from the input device connection means, and a communication means for transmitting the first control signal and the second control signal to the plurality of data process devices.

Claim 61 According to another additional aspect of the present invention is a picture display method for displaying a video signal supplied from a data process device, comprising the steps of allowing a plurality of video signals that are output from a plurality of data process devices to be input, measuring the synchronous frequencies of the plurality of video signals, combining the plurality of video signals into one screen corresponding to the measured results at the frequency measuring step, displaying a video signal that is output at the video signal process step, generating a second control signal for controlling the plurality of data process devices corresponding to a first control signal that is output from input device connection means, an input device being connected to the input device connection means, the input device being configured for outputting the first control signal corresponding to a user's operation, and transmitting the first control signal and the second control signal to the plurality of data process devices.

As was described above, according to ~~claim 1 and 9~~ one or more of the above aspects of the present invention, a

plurality of video signals supplied from a plurality of data process devices are displayed on a picture display means at a time. A first control signal that is supplied from an input device corresponding to a user's operation is output to the plurality of data process devices. Thus, corresponding to a display of the picture display means, using one set of input devices, the plurality of data process devices can be controlled.

According to ~~claims 10 and 19~~ one or more of the above aspects of the present invention, a plurality of video signals that are output from a plurality of data process devices can be input. The plurality of data process devices can bi-directionally communicate with each other. The plurality of video signals that are input at the input step are combined into one screen corresponding to information of the picture size of each of the plurality of video signals obtained at the communication step with each of the plurality of data process devices and displayed by a display means. A first control signal that is output from an input device by a user's operation and a second control signal that controls the plurality of data process devices are transmitted to the plurality of data process devices. The second control signal is generated corresponding to the first control signal. In addition, the plurality of data process devices communicate with each other. Thus, while observing the display of the display means, the communications among the plurality of data process devices can be controlled corresponding to an operation of the input device.

Also, aAccording to ~~claims 20 and 29~~ one or more of the above aspects of the present invention, a plurality of data process devices bi-directionally communicate with each other. The plurality of video signals are combined into one screen corresponding to information of the picture size of each of the plurality of video signals obtained at the communication step

with each of the plurality of data process devices and displayed by a display means. A first control signal that is output from an input device by a user's operation and a second control signal that controls the plurality of data process devices are transmitted to the plurality of data process devices. The second control signal is generated corresponding to the first control signal. In addition, the plurality of data process devices communicate with each other. Thus, while observing the display of the display means, the communications among the plurality of data process devices can be controlled corresponding to an operation of the input device.

Further, According to ~~claims 30 and 39~~ one or more of the above aspects of the present invention, a plurality of video signals that are output from a plurality of data process devices can be input. In addition, the plurality of data process device can bi-directionally communicate with each other. The plurality of video signals are combined into one screen corresponding to information of the picture size of each of the plurality of video signals obtained at the communication step with each of the plurality of data process devices and displayed by a display means. A first control signal that is output from an input device by a user's operation and a second control signal that controls the plurality of data process devices are transmitted to the plurality of data process devices. The second control signal is generated corresponding to the first control signal. A data transfer is controlled among the plurality of data process devices on the same screen of the display means using the input device. Thus, while observing the display of the display means, data can be transferred among the plurality of data process devices using the input device.

Additionally, According to ~~claims 40 and 49~~ one or more of the above aspects of the present invention, a plurality of video signals that are output from a plurality of data

process devices are displayed on the same screen of a display means. Using an input device that controls a data process device selected from the plurality of data process devices, a data transfer among the plurality of data process devices is controlled on the same screen of the display means. Thus, while observing the display of the display means, data can be transferred among the plurality of data process devices using the input device.

Moreover, ~~According to claims 50 and 61 one or more~~ of the above aspects of the present invention, a plurality of video signals that are output from a plurality of data process devices can be input. The plurality of video signals are combined into one screen corresponding to measured results of synchronous frequencies of the plurality of video signals that have been input and then displayed by a display means. A first control signal that is output from an input device by a user's operation and a second control signal that controls the plurality of data process devices are transmitted to the plurality of data process devices. The second control signal is generated corresponding to the first control signal. Thus, while observing the display of the display means, the plurality of data process devices can be controlled corresponding to an operation of the input device.

Please replace the heading at page 22, line 19 with the following:

BRIEF DESCRIPTION OF THE DRAWINGS~~Brief Description of Drawings~~

Please replace the paragraph at page 22, line 20 to page 25, line 24 with the following:

Fig. 1 is a schematic diagram showing an example of which two computer devices are connected to one monitor device according to a related art.

Fig. 2 is a block diagram showing an example of the structure of a monitor device according to the related art~~+~~.

Fig. 3 is a schematic diagram showing an example of the operation of a monitor device having two inputs according to the related art~~+~~.

Fig. 4 is a schematic diagram showing the operation of a monitor device 1 according to a first embodiment~~+~~.

Fig. 5 is a block diagram showing an example of the structure of a monitor device according to an embodiment~~+~~.

Fig. 6 is a block diagram showing an example of the structure of a video memory interface~~+~~.

Fig. 7 is a schematic diagram showing an address space of an example of a frame memory~~+~~.

Fig. 8 is a schematic diagram showing an example of a display of a display portion~~+~~.

Fig. 9 is a schematic diagram showing an example of a display of the display portion~~+~~.

Fig. 10 is a schematic diagram showing an example of a display of the display portion~~+~~.

Fig. 11 is a flow chart showing an example of a process of a display control according to the first embodiment~~+~~.

Fig. 12 is a flow chart showing an example of a process of a display control according to a second embodiment~~+~~.

Fig. 13 is a schematic diagram for explaining a process corresponding to X coordinate of a cursor~~+~~.

Fig. 14 is a schematic diagram showing an example of a display of an OSD screen~~+~~.

Fig. 15 is a schematic diagram showing the operation of a monitor device according to a third embodiment~~+~~.

Fig. 16 is a block diagram showing an example of the structure of the monitor device according to the third embodiment~~+~~.

Fig. 17 is a block diagram showing a more detailed structure of a picture process device+—.

Fig. 18 is a schematic diagram showing an example of a display of a display portion+—.

Fig. 19 is a flow chart showing an example of a move process of a file between personal computers+—.

Fig. 20 is a flow chart showing an example of a process in the case that a file is copied between personal computers+—.

Fig. 21 is a schematic diagram showing various display methods for display screens of a plurality of computer devices against a display portion+—.

Fig. 22 is a schematic diagram showing more reality of various display methods for display screens of the plurality of computer devices against the display portion+—.

Fig. 23 is a schematic diagram showing more reality of various display methods for display screens of the plurality of computer devices against the display portion+—.

Fig. 24 is a schematic diagram showing more reality of various display methods for display screens of the plurality of computer devices against the display portion+—.

Fig. 25 is a block diagram showing an example of the structure of a monitor device according to a first modification of the third embodiment+—.

Fig. 26 is a block diagram showing an example of the structure of a monitor device according to a second modification of the third embodiment+—.

Fig. 27 is a schematic diagram showing the operation of a monitor device according to a fourth embodiment+—.

Fig. 28 is a block diagram showing an example of the structure of the monitor device according to the fourth embodiment+—.

Fig. 29 is a block diagram showing an example of the structure of a monitor device according to a first modification of the fourth embodiment~~+~~_.

Fig. 30 is a block diagram showing an example of the structure of a monitor device according to a second modification of the fourth embodiment~~+~~_.

Fig. 31 is a schematic diagram showing the operation of a monitor device according to a fifth embodiment~~+~~_.

Fig. 32 is a block diagram showing an example of the structure of a monitor device according to the fifth embodiment~~+~~_.

Fig. 33 is a block diagram showing an example of the structure of a monitor device according to a first modification of the fifth embodiment~~+~~_.

Fig. 34 is a block diagram showing an example of the structure of a monitor device according to a second modification of the fifth embodiment~~+~~_.

Fig. 35 is a schematic diagram showing the operation of a monitor device according to a sixth embodiment~~+~~_.

Fig. 36 is a block diagram showing an example of the structure of a monitor device according to the sixth embodiment~~+~~_.

Fig. 37 is a block diagram showing an example of the structure of a monitor device according to a first modification of the sixth embodiment~~+~~_{and.}

Fig. 38 is a block diagram showing an example of the structure of a monitor device according to a second modification of the sixth embodiment.

Please insert the following heading before page 25, line 25:

DETAILED DESCRIPTION